



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Re: Attorney Docket No. 1052.051

re application of: George P. Vella-Coleiro

Serial No.: 10/730,419
Filed: 12/08/2003
Andrew No.: 894CIP

Group No.: 2637
Examiner: Young Toi Tse
Phone No.: 571-272-3051

For: Digital Pre-Distortion for the Linearization of Power Amplifiers With Asymmetrical Characteristics

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 CFR § 1.56, this is an Information Disclosure Statement (IDS) for the above-captioned U.S. patent application. An IDS Form PTO-1449 listing references is enclosed herewith and forms a part hereof. Submission of references is not an admission that those references are in fact prior art.

Certification Under 37 CFR § 1.704(d)

[] Each item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of this statement.

Certification Under 37 CFR § 1.97(e)

[X] Each item of information contained in this statement was either (1) cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement or (2) not known to any individual designated in § 1.56(c) more than three months prior to the filing of this statement.

* * * * *

Certification Under 37 CFR 1.8

Date of Deposit 1/19/06

I hereby certify that this paper and any accompanying papers or fees are being deposited with the U.S. Postal Service with sufficient postage as first class mail under 37 CFR 1.8 on the date indicated above and addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Gerry Marrero
(Name of person mailing)

Gerry Marrero
(Signature of person mailing)

Fee Under 37 CFR § 1.97(c)

☐ The fee for submission of this IDS under § 1.97(c) is \$180.00 as set forth in § 1.17(p).

Petition Under 37 CFR § 1.97(d)

☐ This is a petition requesting consideration of an IDS under § 1.97(d). The petition fee for submission of this IDS under § 1.97(d) is \$180.00 as set forth in § 1.17(p).

Provision of Copies of References

☒ A copy of each of the listed references is enclosed herewith and forms a part hereof.

☐ A translation of each of Reference(s) is enclosed herewith and forms a part hereof.

☐ A copy of the International Search Report from a corresponding PCT application is enclosed herewith.

☐ A copy of the European Search Report from a corresponding EPO application is enclosed herewith.

☐ A copy of the final U.S. office action for U.S. patent application no. filed on as attorney docket no. (Case name or our ref.).

☐ The above-captioned U.S. patent application is a

- ☐ continuation
- ☐ divisional
- ☐ continuation-in-part

application of U.S. application serial number , filed on as Attorney Docket No. . Each of the listed references was previously cited by or submitted to the Office in the prior application. The above-captioned U.S. patent application relies upon the prior application for an earlier filing date under 35 U.S.C. 120. Pursuant to § 1.98(d), copies of the listed references are not being provided with this IDS.

Authorization to Charge Credit Card

☐ Form PTO-2038 authorizing credit card payment in the amount of \$.

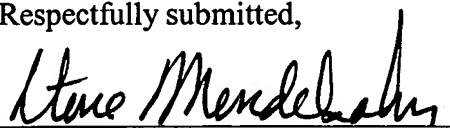
Authorization To Charge Deposit Account

☒ Authorization is given to charge the deposit account of **Mendelsohn & Associates, P.C. Deposit Account No. 50-0782** for any fee under § 1.97(c) or § 1.97(d).

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449 form as confirmation that each of the documents has been considered.

Respectfully submitted,

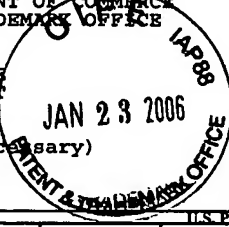
Date: 11/19/06
Customer No. 22186
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Steve Mendelsohn
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Enclosures

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-32) PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)



ATTY. DOCKET NO.

SERIAL NO.

1052.051
APPLICANT

10/730,419

George P. Vella-Coleiro
FILING DATE

GROUP

12/08/2003

2637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	HA	5,187,719	02/1993	Birgenheier et al.	375	10	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

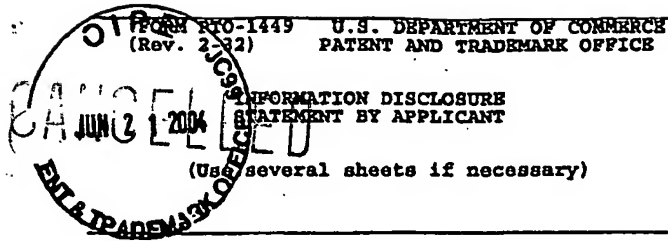
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Andrew Ref.: 894CIP

(Form PTO-1449)



ATTY. DOCKET NO.

SERIAL NO.

1052,051
APPLICANT

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George P. Vella-Coleiro
FILING DATE

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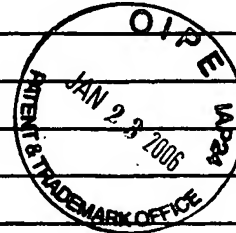
12/08/03

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
7	AA	US 2003/0076896 A1	04/2003	Ball et al.	375	297	
	AB	US 6,512,417 B2	01/2003	Booth et al.	330	149	
	AC	5,937,011	08/1999	Carney et al.	375	297	
	AD	US 2003/0045264 A1	03/2003	Jeong et al.	455	323	
	AE	US 2003/0076894 A1	04/2003	Jin et al.	375	296	
	AF	US 2003/0020538 A1	01/2003	Kim	330	2	
	AG	US 2003/0058960 A1	03/2003	Lee	375	297	
	AH	5,872,814	02/1999	McMeekin	375	296	
	AI	US 6,271,724 B1	08/2001	Neffling	330	149	
	AJ	US 2002/0186783 A1	12/2002	Opas et al.	375	297	
	AK	US 6,429,736 B1	08/2002	Parry et al.	330	2	
	AL	US 2003/0016741 A1	01/2003	Sasson et al.	375	229	
	AM	US 6,304,140 B1	10/2001	Thron et al.	330	149	
	AN	6,081,158	06/2000	Twitchell et al.	330	149	
	AO	4,870,371	09/1989	Gottwald et al.			
7	AP	US 2001/0033238 A1	10/2001	Velazquez			



FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AQ	EP 1 085 668 A2	03/2001	EPO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	"An Efficient Adaptive Predistorter for Nonlinear High Power Amplifier in Satellite Communication", by Kang H.W. et al., 1997 IEEE International Symposium on Circuits and Systems, June 9-12, 1997, pp. 228-2291, XP-0000804798, New York.
AS	"Communication Systems - Third Edition", by Carlson A.B., 1986, McGraw-Hill, Singapore XP-002245318; pp. 194-200.

EXAMINER	Young S. S.	DATE CONSIDERED	11/27/05
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EXAMINER: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Andrew Ref: 894C18

(Form PTO-1449)